



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Cao et al.

Serial No.: 09/501,445

Filed: 02/10/2000

For: Method of Designing Geophysical
Surveys

) Docket: 26.0178

)

)

) Group Art Unit: 2678

)

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) Examiner: JVA

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#3
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CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service in an envelope as First Class Mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

Kerry Morris

Kerry Morris

6/20/03

Date

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT,
NOT ACCOMPANYING APPLICATION

Dear Sir:

I hereby appoint Robin Nava, Registration Number 42,926, J.L. Jennie Salazar, Registration Number 45,065, and Kevin McEnaney, Registration Number 46,258, as attorneys to prosecute the application identified above and transact business in the Patent and Trademark Office connected therewith. A Statement Under 37 CFR 3.73(b) is attached.

I hereby request that all correspondence, notices, official letters and other communication be directed to Schlumberger Technology Corporation, ATTN: IP Counsel, 200 Gillingham Lane, Sugar Land, Texas 77478, and that all telephone calls be directed to Brigitte L. Jeffery at (281) 285-7067, Schlumberger Technology Corporation, 200 Gillingham Lane, Sugar Land, Texas 77478.

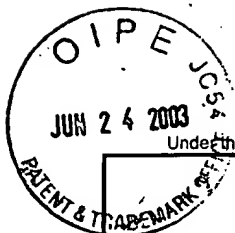
Respectfully Submitted,

Brigitte L. Jeffery

Registration Number 38,925

Date:

20 June 2003
Schlumberger Technology Corporation
200 Gillingham Lane
Houston TX 77478
(281) 285-7067



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Cao et al.Application No./Patent No.: 09/501,445 Filed/Issue Date: 02/10/2000Entitled: Method of Designing Geophysical SurveysSchlumberger Technology Corporation corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010683, Frame 0415, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

20 June 2003
Date281-285-7067

Telephone number

Brigitte L. Jeffery

Typed or printed name

Brigitte L. Jeffery
SignatureAttorney for Applicants

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SKK



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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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JUNE 08, 2000

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SCHLUMBERGER TECHNOLOGY CORPORATION
STEVEN L. CHRISTIAN
110 SCHLUMBERGER DRIVE
SUGAR LAND, TEXAS 77478



101320911A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-706-9231. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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RECORDATION DATE: 03/21/2000

REEL/FRAME: 010683/0415

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CAO, DI

DOC DATE: 01/31/2000

ASSIGNOR:

HARA, KENZO

DOC DATE: 01/31/2000

ASSIGNEE:

SCHLUMBERGER TECHNOLOGY
CORPORATION
110 SCHLUMBERGER DRIVE
SUGAR LAND, TEXAS 77478

SERIAL NUMBER: 09501445

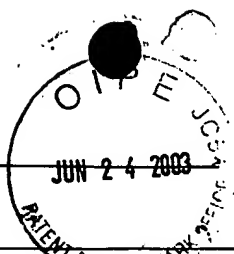
FILING DATE: 02/10/2000

PATENT NUMBER:

ISSUE DATE:

010683/0415 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



04-14-2000



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D \$

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

Di Cao
Kenzo Hara

3-21-00

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation
P. O. Box 2175
Houston, Texas 77252-2175

Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT EXECUTION DATE: January 31, 2000

4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):

If this document is being filed with a new application, the execution date of the application is: January 31, 2000.

A. PATENT APPLICATION NO.(s)

B. PATENT NO.(s)

NO ADDITIONAL NUMBERS ATTACHED

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JUN 28 2003
GROUP 3600

5. NAME AND ADDRESS FOR CORRESPONDENCE:

Schlumberger Technology Corporation
Attn: Patent Counsel
P. O. Box 2175
Houston, Texas 77252-2175

Street Address: 110 Schlumberger Drive
Sugar Land, Texas 77478

6. TOTAL NUMBER OF APPLNS. & PATENTS INVOLVED 1**7. TOTAL FEE (37 CF4.3.41) \$40.00**

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 19-0610
(a duplicate of this page is attached)

04/13/2000 JSHABRZZ 00000187 190610 09501445

01 FC:581 40.00 CH

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven L. Christian

(Signature)

March 14, 2000

(Date)

Total number of pages including cover sheet, attachments and document: 4

ASSIGNMENT

WHEREAS, WE, Di Cao, a citizen of France, whose post office address is IKEDA B HOUSE, 120-5 Yamate-cho, Naka-ku, Yokohama-shi 231-0862 Japan, and Kenzo Hara, a citizen of Japan, whose post office address is 9-101 Koito-higashi, 5106 Ooba, Fujisawa-shi, Kanagawa-ken, 251-0861 Japan hereinafter referred to as the "Inventors", have invented certain new and useful improvements in, METHOD OF DESIGNING GEOPHYSICAL SURVEYS, as described and set forth in an application for Letters Patent of the United States of America, filed by us on the 10th day of February, 2000 (File No.26.0178) and assigned the Serial No. 09/501,445.

AND WHEREAS, Schlumberger Technology Corporation, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the Inventors, for good and valuable considerations, the receipt and sufficiency of which WE hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

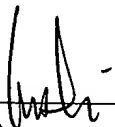
AND WE do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND WE do hereby covenant and warrant that WE have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that WE have not executed and will not execute any instruments in conflict herewith.

AND WE, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that WE, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I the Inventor, have hereunto set my hand and seal.

Jan. 31, 2000
Date


Di Cao

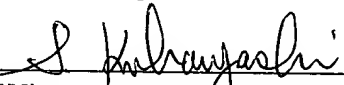
WITNESSED:

BE IT KNOWN, that Di Cao, is to me known to be the individual described in the foregoing assignment, that on this 31 day of January, 2000, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness: Setsuko Kawashima

5-3-25 Tamagawa-Gakuen
Machida-shi, Tokyo 194
Japan

Post Office Address


Witness: Shizu Kobayashi

4-13-35-504
Nishi-hashimoto
Sagamihara, Kanagawa 229-1131
Japan

Post Office Address

IN WITNESS WHEREOF, I the Inventor, have hereunto set my hand and seal.


Jan. 31 2000
Date


Kenzo Hara

WITNESSED:

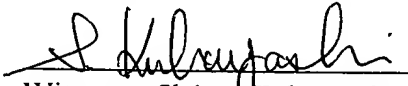
BE IT KNOWN, that Kenzo Hara, is to me known to be the individual described in the foregoing assignment, that on this 31 day of January, 2000, I was personally present and did see

him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness: Setsuko Kawashima

5-3-25 Tamagawa-Gakuen
Machida-shi, Tokyo 194
Japan

Post Office Address


Witness: Shizu Kobayashi

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